

## Title (en)

POLYESTER POLYOLS FROM RECYCLED POLYMERS AND WASTE STREAMS

## Title (de)

POLYESTERPOLYOLE AUS WIEDERVERWENDETEN POLYMEREN UND ABFALLSTRÖMEN

## Title (fr)

POLYOLS DE POLYESTER ISSUS DE POLYMÈRES RECYCLÉS ET DE FLUX DE DÉCHETS

## Publication

**EP 3183286 A4 20180822 (EN)**

## Application

**EP 15834062 A 20150819**

## Priority

- US 201462039820 P 20140820
- US 201462039816 P 20140820
- US 201462082974 P 20141121
- US 201562110347 P 20150130
- US 201562110343 P 20150130
- US 201562185008 P 20150626
- US 2015045792 W 20150819

## Abstract (en)

[origin: WO2016028837A1] The present invention relates to polyester polyols made from aromatic polyacid sources such as thermoplastic polyesters. The polyols can be made by heating a thermoplastic polyester such as virgin polyethylene terephthalate, recycled polyethylene terephthalate, or mixtures thereof, with a glycol to give a digested intermediate which is then reacted with a digestible polymer, which can be obtained from various recycle waste streams. The polyester polyols comprise a glycol-digested polyacid source and a further digestible polymer. The polyester polyols provide a sustainable alternative to petrochemical or biochemical based polyester polyols.

## IPC 8 full level

**C08G 63/12** (2006.01); **C08F 291/08** (2006.01); **C08G 18/66** (2006.01); **C08G 18/72** (2006.01); **C08G 63/183** (2006.01); **C08G 63/91** (2006.01); **C08J 9/14** (2006.01); **C08J 11/24** (2006.01); **C08L 67/03** (2006.01); **C09D 167/00** (2006.01); **C09D 175/04** (2006.01); **C09D 175/06** (2006.01); **C08G 101/00** (2006.01)

## CPC (source: EP KR US)

**C07C 29/09** (2013.01 - US); **C07C 31/18** (2013.01 - US); **C08F 20/10** (2013.01 - KR US); **C08G 18/14** (2013.01 - US); **C08G 18/28** (2013.01 - US); **C08G 18/4213** (2013.01 - KR US); **C08G 18/664** (2013.01 - EP US); **C08G 18/722** (2013.01 - EP US); **C08G 18/7671** (2013.01 - US); **C08G 63/183** (2013.01 - EP KR US); **C08G 63/916** (2013.01 - EP KR US); **C08J 9/141** (2013.01 - KR US); **C08J 11/24** (2013.01 - EP KR US); **C09D 5/03** (2013.01 - KR US); **C09D 167/00** (2013.01 - EP US); **C09D 175/04** (2013.01 - EP US); **C09D 175/06** (2013.01 - KR US); **C08G 2101/00** (2013.01 - EP US); **C08G 2110/0025** (2021.01 - EP US); **C08G 2150/20** (2013.01 - EP US); **C08J 2203/14** (2013.01 - US); **C08J 2205/10** (2013.01 - US); **C08J 2367/02** (2013.01 - EP US); **C08J 2375/04** (2013.01 - US); **Y02W 30/62** (2015.05 - EP KR US)

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- See also references of WO 2016028837A1

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CN112482045A

## Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

## DOCDB simple family (publication)

**WO 2016028837 A1 20160225**; BR 112017003344 A2 20180123; CN 107087412 A 20170822; EP 3183286 A1 20170628; EP 3183286 A4 20180822; JP 2017535662 A 20171130; KR 20170081164 A 20170711; US 10030099 B2 20180724; US 2017029551 A1 20170202; US 2017029561 A1 20170202; US 9896540 B2 20180220; WO 2016028841 A1 20160225

## DOCDB simple family (application)

**US 2015045792 W 20150819**; BR 112017003344 A 20150819; CN 201580057181 A 20150819; EP 15834062 A 20150819; JP 2017529594 A 20150819; KR 20177007628 A 20150819; US 2015045798 W 20150819; US 201615084737 A 20160330; US 201615205235 A 20160708